



Storm Water Construction Plan Submittal Checklist

Reviewer: _____	Date: _____
Project Name: _____	Location: _____
Total Land Area of Project: _____ Acres	
Type: _____ Residential _____ Commercial _____ Industrial _____ Recreation _____ Municipal _____ Other	
Applicant: _____	Contact: _____ Phone #: _____
Applicant email: _____	
Surveyor: _____	Contact: _____ Phone# _____
Surveyor email: _____	
Engineer: _____	Contact: _____ Phone # _____
Engineer email: _____	

Please check the appropriate box: I = Included; NA = Non-Applicable; R= Required prior to development
(If "NA" is checked, an explanation must be entered)

1. Submittal	Applicant			Engr	
	I/R	NA	Explanation / Location in Plan	I	NA
1.1 Hard copy of all plan sheets submitted in 11" x 17" format (half-scale) size					
1.2 Electronic copy of all sheets submitted as single PDF file on CD or DVD per the local naming format					
1.3 Electronic copy of all CAD files					
1.4 Preliminary cost estimate in local Excel format					

2. Plan Cover Sheet	Applicant			Engr	
	I/R	NA	Explanation / Location in Plan	I	NA
2.1 Title block					
2.1.1 Name of project					
2.1.2 Phase or addition name					
2.1.3 Address of project					
2.1.4 Date of original issue, and dated revision control					
2.1.5 Name and location of consulting firm					
2.2 Signed, sealed and dated by Professional Engineer					
2.3 Sheet index					
2.4 Description of benchmarks (minimum of two) used for site control (NAVD 88 vertical datum)					
2.5 Vicinity map with north arrow					
2.6 Legend key					
2.7 Site map					
2.7.1 North arrow					
2.7.2 Scale					
2.7.3 Lot lines (with numbers) and project boundaries					
2.7.4 Benefit district shaded or cross-hatched, and labeled					
2.7.5 Section, township and range references					
2.8 Table of bid items and quantities					
2.9 A statement certifying that the plan complies with the final approved drainage plan or, if not, that an addendum to the drainage plan is included					



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3. All Plan Sheets (Except City/County Standard Detail Sheets)	Applicant			Engr	
	I/R	NA	Explanation / Location in Plan	I	NA
3.1 Title block					
3.2 Name of project					
3.3 Phase or addition name					
3.4 Address of project					
3.5 Date of original issue, and dated revision control					
3.6 Name and location of consulting firm					
3.7 Sheet number					
3.8 Scale (horizontal and vertical, as applicable)					
3.9 North Arrow					
3.10 Description of benchmarks (minimum of two) used for site control (NAVD 88 vertical datum) except for detail sheets					
3.11 Legend key					

4. Grading Plan	Applicant			Engr	
	I/R	NA	Explanation / Location in Plan	I	NA
4.1 Existing contours of site, one foot interval					
4.2 Proposed grading contours, one foot interval					
4.3 For each pond, table of elevation versus storage or area shown either next to pond or elsewhere on same sheet and referenced to pond					
4.4 Pond bottom elevations shown					
4.5 Pond emergency overflow elevations shown					
4.6 Spot elevations shown to nearest tenth of a foot for other critical locations					
4.7 Proposed flow line elevations of all open ditches and swales at maximum 100 feet intervals					
4.8 Utilities (water, sewer, gas, electric, etc.) shown, with labels and easements					
4.9 All right-of-ways, reserves and other easements shown and labeled					
4.10 Labels and/or names of roads, streets, ponds, storm water management facilities and other project features					
4.11 Lot lines (with numbers)					
4.12 Adjacent subdivision lot lines (with numbers) and adjacent subdivision names					
4.13 Locations of erosion control BMPs if/where required to supplement the construction erosion control BMP plan sheets					
4.14 Limits of site grading shown					
4.15 Permanent concrete outfall structure (no earthen or riprap outfall structures allowed)					

5. Storm Sewer Plan Sheets	Applicant			Engr	
	I/R	NA	Explanation / Location in Plan	I	NA
5.1 Storm sewer horizontal alignments					
5.1.1 Stationing					
5.1.2 Coordinates and offsets from property lines					
5.2 Storm sewer vertical alignments					
5.2.1 Stationing					
5.2.2 Elevations					
5.2.3 Profile grades every 50' and at structures					
5.3 Storm sewer line numbers					

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5.4 Storm sewer profile line lengths					
5.5 Storm sewer line materials and sizes					
5.6 Locations, sizes and elevations of storm sewer stubs					
5.7 Locations and sizes of inlets, energy dissipators and other storm sewer structures					
5.8 Elevations of inlets and other storm sewer structures in plan and profile views					
5.9 Design flows and frequency for each pipe, inlet, or other storm sewer structure in table form					
5.10 Riprap or other protective revetment shown					
5.11 Zones of special backfill, such as flowable fill					
5.12 Locations of erosion control BMPs where required to supplement the construction BMP sheets					
5.13 References to applicable standard and non-standard detail sheets					
5.14 Easements shown and labeled					
5.15 Reserves shown and labeled					
5.16 Utility locations shown and labeled					
5.17 Utility interference cautions shown where applicable					
5.18 Utility conflicts have been resolved					

	Applicant			Engr	
6. Storm Water Management Facilities	I/R	NA	Explanation / Location in Plan	I	NA
6.1 Copy of the Operation and Maintenance Manual that was recorded with the Register of Deeds is included for each storm water management facility					
6.2 All storm water management facilities are located in a platted reserve					
6.3 All credit areas are located in a platted reserve, and labeled with the appropriate land use restrictions					
6.4 All proprietary systems are labeled as to manufacturer, make, model and size details					

	Applicant			Engr	
7. Other Sheets and Documents	I/R	NA	Explanation / Location in Plan	I	NA
7.1 Construction erosion control plan sheets					
7.2 Construction erosion control non-standard detail sheets					
7.3 Construction erosion control std detail sheets					
7.4 Storm sewer non-standard detail sheets					
7.5 Storm sewer standard detail sheets					
7.6 Other detail sheets					
7.7 Special Provisions to Standard Specifications					

	Applicant			Engr	
8. Permits	I/R	NA	Explanation / Location in Plan	I	NA
8.1 Kansas Department of Health and Environment (KDHE) Section 401 Water Quality Certification (in conjunction with USACE Section 404 permit)					
8.2 KDHE Certificate of Coverage (COC) under Construction General Permit					
8.3 Sedgwick County Right-of-Way permit					
8.4 KDHE Division of Water Resources Water Structures Permit					
8.5 FEMA CLOMR/LOMR Approval					